

Title (en)
WOVEN FABRIC PREFORMS AND PROCESS FOR MAKING THE SAME

Title (de)
GEWEBEVORFORMEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PRÉFORMES EN TISSU ET LEUR PROCÉDÉ DE FABRICATION

Publication
EP 2802445 A1 20141119 (EN)

Application
EP 13736285 A 20130110

Priority
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Abstract (en)
[origin: WO2013104056A1] Warps of a reinforcing filamentary yarn are selectively interwoven with wefts of the reinforcing filamentary yarn, so as to form a tailored woven reinforcement for use in the manufacture of a composite article having a known three-dimensional shape. The wefts extend in a direction transverse to said warps, to form at least one first portion of the woven reinforcement having interwoven warps and wefts, and to form at least one second portion of the woven reinforcement having other than interwoven warps and wefts. The at least one first portion and the at least one second portion are arranged, one relative to the other within said woven reinforcement, in dependence upon the known three-dimensional shape of the composite article. The woven reinforcement is suitable for use in a variety of processes including prepreg processes, Resin Transfer Molding processes and Resin Infusion Molding processes.

IPC 8 full level
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CPC (source: EP US)
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